

KEYSTONE
PRECISION INSTRUMENTS

EQUIPMENT PRICE SCHEDULES

FOR

SURVEYING EQUIPMENT

JUNE 2006



SURVEYING EQUIPMENT PRICE SCHEDULE

CATEGORY 2 – TOTAL STATIONS – NON-MOTORIZED – OPTION 1

BIDDER/CONTRACTOR: Keystone Precision Instruments DATE: April 24, 2006

TYPE Standard Non-Motorized Total Station DESCRIPTION: Nikon 502 Series total stations have multiple features to help you work more quickly and productively in the field.

MAKE/MODEL NUMBER: Nikon DTM522 TOTAL STATION; PN HQA420US

A. **BASE EQUIPMENT**
OUTRIGHT PURCHASE PRICE = \$6746.25
 (ONE YEAR FULL SERVICE & PARTS WARRANTY – INCLUDED IN PRICE)

B. **1ST AND 2ND YEAR FULL SERVICE MAINTENANCE & PARTS**
PRICE PER YEAR \$495.00

TOTAL BID PRICE – A + B \$7241.25

ACCESSORIES INCLUDED IN BASE PRICE –

Data Cable
 3" total Station
 Quick Charger
 BC80 Handle Battery

Tribrach
 Carry Case

ALTERNATE OPTIONS

<u>TO ORDER</u>	<u>ADD</u>
2" Total Station PN HQA410US	\$1500.00
1" Total Station PN HQA400US	\$3000.00

OPTIONAL ACCESSORIES

ACCESSORY ITEM

PURCHASE PRICE

(Includes warranty and maintenance)

HQH90000, BC80 Battery	\$327.00
148CNTG, Data Cable	\$52.50
HQJ26200, Q-75U Quick Charger	\$195.00
HVMB20001, Tribrach w/ OP	\$442.50
HED14000, Diagonal Eyepiece	\$277.50
HEK02000, 41x Eyepiece	\$228.75
HO6530070, Transit Software	\$149.25



SURVEYING EQUIPMENT PRICE SCHEDULE

CATEGORY 2 – TOTAL STATIONS – NON-MOTORIZED – OPTION 2

BIDDER/CONTRACTOR: Keystone Precision Instruments DATE: April 24, 2006

TYPE Standard Non-Motorized Total Station DESCRIPTION: Nikon 302 Series total stations have multiple features to help you work more quickly and productively in the field.

MAKE/MODEL NUMBER: Nikon DTM362 TOTAL STATION; PN HQA455US

A. **BASE EQUIPMENT**
OUTRIGHT PURCHASE PRICE = \$6221.25
(ONE YEAR FULL SERVICE & PARTS WARRANTY – INCLUDED IN PRICE)

B. **1ST AND 2ND YEAR FULL SERVICE MAINTENANCE & PARTS**
PRICE PER YEAR \$495.00

TOTAL BID PRICE – A + B \$6716.25

ACCESSORIES INCLUDED IN BASE PRICE –

Data Cable
3" total Station
Quick Charger
BC65 Battery

Tribrach
Carry Case

ALTERNATE OPTIONS

TO ORDER

5" Total Station DTM 352
PN HQA450US
5" Total Station DTM 332
PN HQA460US

Deduct

-\$600.00
-\$1350.00

OPTIONAL ACCESSORIES

ACCESSORY ITEM

HQH06100, BC65 Battery
148CNTG, Data Cable
HQP26200, Q-75U Quick Charger
HVB20001, Tribrach w/ OP
HED14000, Diagonal Eyepiece
HEK02000, 36x Eyepiece
HO6530070, Transit Software

PURCHASE PRICE

(Includes warranty and maintenance)

\$241.50
\$52.50
\$195.00
\$442.50
\$277.50
\$228.75
\$149.25

SURVEYING EQUIPMENT PRICE SCHEDULE

CATEGORY 2 – TOTAL STATIONS – NON-MOTORIZED Reflectorless – OPTION 1

BIDDER/CONTRACTOR: Keystone Precision Instruments DATE: April 24, 2006

TYPE Reflectorless Non-Motorized Total Station DESCRIPTION: NPL models use an eye-safe Class 1 laser to measure points with a $\pm(5+2 \text{ ppm} \times D)$ accuracy. You can also use NPL models with reflector sheets or a standard prism, and independent measurement keys let you switch back and forth between prism and prismless modes with single-button simplicity.

MAKE/MODEL NUMBER: Nikon NPL362 TOTAL STATION; PN HQA475US

A. **BASE EQUIPMENT**
OUTRIGHT PURCHASE PRICE = \$6971.25
(ONE YEAR FULL SERVICE & PARTS WARRANTY – INCLUDED IN PRICE)

B. **1ST AND 2ND YEAR FULL SERVICE MAINTENANCE & PARTS**
PRICE PER YEAR \$495.00

TOTAL BID PRICE – A + B \$7466.25

ACCESSORIES INCLUDED IN BASE PRICE –

Data Cable
3" total Station
Quick Charger
BC65 Battery

Tribrach
Carry Case

ALTERNATE OPTIONS

<u>TO ORDER</u>	<u>Deduct</u>
5" Total Station NPL 352 PN HQA470US	-\$600.00
5" Total Station DTM 332 PN HQA480US	-\$1350.00

OPTIONAL ACCESSORIES

ACCESSORY ITEM

PURCHASE PRICE
(Includes warranty and maintenance)

HQH06100, BC65 Battery	\$241.50
148CNTG, Data Cable	\$52.50
HQJ26200, Q-75U Quick Charger	\$195.00
HMB20001, Tribrach w/ OP	\$442.50
HED14000, Diagonal Eyepiece	\$277.50
HEK02000, 36x Eyepiece	\$228.75
HO6530070, Transit Software	\$149.25



SURVEYING EQUIPMENT PRICE SCHEDULE

CATEGORY 3 – DATA COLLECTORS - ROBOTIC & STANDARD – OPTION ROBOT 2

BIDDER/CONTRACTOR: Keystone Precision Instruments DATE: April 24, 2006

TYPE : Robotic TS Data Collector DESCRIPTION: The TDS Recon rugged handheld computer delivers maximum performance and reliability in a lightweight, extremely rugged design that's easy to carry. The waterproof Recon weighs just 17 ounces, meets military specifications for drops, vibration, and both high and low temperature operation, and runs Windows Mobile 2003 software for Pocket PCs. The Recon works wherever and whenever you need it.

MAKE/MODEL NUMBER: TDS Recon 200 w/ SURVEY PRO Robotics (RECSYN12AROBP)

A. BASE EQUIPMENT	
OUTRIGHT PURCHASE PRICE =	<u>\$ 2174.25</u>
(ONE YEAR FULL SERVICE & PARTS WARRANTY – INCLUDED IN PRICE)	

B. 1ST AND 2ND YEAR FULL SERVICE MAINTENANCE & PARTS	
PRICE PER YEAR	<u>\$169.95</u>

TOTAL BID PRICE – A + B	<u>\$2344.20</u>
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ACCESSORIES INCLUDED IN BASE PRICE —

Survey Pro UsersGuide
 Power Boot Module
 Hand Strap
 Data Collector Pouch
 Stylus Pen (2x)
 Screen Protectors (10x)
 Companion CD with manual
 USB Download Cable
 Get Started Guide
 Power Supply

ALTERNATE OPTIONS

<u>TO ORDER</u>	<u>ADD</u>
Recon 400	
Survey Pro Rob	\$225.00
(PN RECSYN14AROBP)	

OPTIONAL ACCESSORIES

ACCESSORY ITEM

PURCHASE PRICE

(Includes warranty and maintenance)

PN TDSLOCGPSKIT, TDS Locator	\$224.25
PN RECSYN14BMAXP, Add Survey Pro MAX	\$374.00
PN RECSTRIPODACCESS, Recon Tripod Acc Kit	\$337.50
PN RECSPOLEACCESS, Recon Robotic Acc Kit	\$412.50
PN RECA900201, GPS CF Card Kit	\$187.50
PN RECAEC100101, Large Cap for Recon	\$67.46
PN RECAPOWERBOOT, Power Boot Module	\$71.25
PN RECAPWRAABOOT, AA Battery Boot Module	\$67.46
PN 148CNTG, Instrument Cable (Specify Instrument Brand)	\$52.50
PN RECAAVCHRG!12VCBL, Charger, Vehicle	\$26.25



SURVEYING EQUIPMENT PRICE SCHEDULE

CATEGORY 3 – DATA COLLECTORS - ROBOTIC & STANDARD – OPTION 2 Standard

BIDDER/CONTRACTOR: Keystone Precision Instruments DATE: April 24, 2006

TYPE : Standard TS Data Collector DESCRIPTION: The TDS Recon rugged handheld computer delivers maximum performance and reliability in a lightweight, extremely rugged design that's easy to carry. The waterproof Recon weighs just 17 ounces, meets military specifications for drops, vibration, and both high and low temperature operation, and runs Windows Mobile 2003 software for Pocket PCs. The Recon works wherever and whenever you need it.

MAKE/MODEL NUMBER: TDS Layout PRO (RECSY2APXELTN1)

A.	BASE EQUIPMENT	
	OUTRIGHT PURCHASE PRICE =	<u>\$ 1571.25</u>
	(ONE YEAR FULL SERVICE & PARTS WARRANTY – INCLUDED IN PRICE	

B.	1ST AND 2ND YEAR FULL SERVICE MAINTENANCE & PARTS	
	PRICE PER YEAR	<u>\$169.95</u>
	TOTAL BID PRICE – A + B	<u>\$1741.20</u>

ACCESSORIES INCLUDED IN BASE PRICE –

- Survey Pro UsersGuide
- Power Boot Module
- Hand Strap
- Stylus Pen (2x)
- Screen Protectors (10x)
- Companion CD with manual
- USB Download Cable
- Get Started Guide
- Power Supply

OPTIONAL ACCESSORIES

<u>ACCESSORY ITEM</u>	<u>PURCHASE PRICE</u>
	(Includes warranty and maintenance)
PN RECSTRIPODACCESS, Recon Tripod Acc Kit	\$337.50
PN RECAPOWERBOOT, Power Boot Module	\$71.25
PN RECAPWRAABOOT, AA Battery Boot Module	\$67.46
PN 148CNTG, Instrument Cable (Specify Instrument Brand)	\$52.50
PN RECAAVCHRG112VCBL, Charger, Vehicle	\$26.25

SURVEYING EQUIPMENT PRICE SCHEDULE

CATEGORY 4 – GPS & RTK SYSTEMS - OPTION DUAL FREQ Option 1

BIDDER/CONTRACTOR: Keystone Precision Instruments

DATE : April 24, 2006

TYPE : Dual Frequency GPS System DESCRIPTION: The 5800 Limited combines a dual-frequency GPS receiver, antenna, UHF radio, and battery in a single compact unit. Available as a base or RTK rover, the 5800 Limited is ideal for stakeout, control, topographic, roading, and cadastral surveying on small to medium-sized job sites.

MAKE/MODEL NUMBER; TDS Recon w/Trimble 5800 Ltd Base/Rover PN 580009244

A. BASE EQUIPMENT

OUTRIGHT PURCHASE PRICE = \$26995.50

(ONE YEAR FULL SERVICE & PARTS WARRANTY – INCLUDED IN PRICE)

**B. 1ST AND 2ND YEAR FULL SERVICE MAINTENANCE & PARTS
PRICE PER YEAR**

\$2259.00

TOTAL BID PRICE – A + B

\$29254.50

ACCESSORIES INCLUDED IN BASE PRICE —

53617-6x Base 5800 LTD W/-6x RADIO	44085-46 ANT PORTABL 6" WHIP 425-475MHZ
53617-4x Rover 5800 LTD W/-4x RADIO	54344 BATT LHON 7.4V 2.4AH COMMON
50586-60 5800 LTD BASE kit	48800-00 PWR SUPPLY KIT UNIV 18V
41114-00 ASSY DUAL LITH-HON BATT CHRGR	52607 POLE EXTENSION 25 CM
18532 CBL ASSY NULL MODEM DB9 F-F	46125-00 CBL ASSY 0 LEMO-BATT CLIPS
52618 TAPE MEASURE ,METRIC/TENTHS	
39843-30 TGO V1.62 BASIC	45457-00 5800 LTD Rover Kit
8800-00 PWR SUPPLY KIT UNIV 18V	
54344 BATT LHON 7.4V 2.4AH COMMON	18532 CBL ASSY NULL MODEM DB9 F-F
41114-00 ASSY DUAL LITH-HON BATT CHRGR	44038-10 CD R7/5700/R8/5800 V2.23
REC-RYN14BISP PROD RECON 400 W/PPC ISP	

OPTIONAL ACCESSORIES

ACCESSORY ITEM

PURCHASE PRICE

(Includes warranty and maintenance)

PN 50014-00, Base Accessory Kit	\$441.00
PN TRB1, Internal Battery	\$75.00
PN 511420FOR, Seco GPS Truck Door Bracket	\$549.95
PN 85512800, Seco Carbon Fiber Rover Rod	\$279.00
PN 85512500, Seco Aluminum Rover Rod	\$85.00
PN 85511900, Seco GPS Fixed HT Tripod	\$695.00
PN 855125053, Seco Rover Rod Wheel	\$72.50
PN 85511401, Seco GPS Triple Mag Mount	\$224.90

SURVEYING EQUIPMENT PRICE SCHEDULE

CATEGORY 4—GPS & RTK SYSTEMS—OPTION SINGLE FREQUENCY

BIDDER/CONTRACTOR: Keystone Precision Instruments DATE: April 24 2006

TYPE : SINGLE FREQUENCY GPS RECIEVER DESCRIPTION: The EPOCH 10 system integrates a survey-grade receiver with the Spectra Precision Recon data collector—a proven, ultra-rugged field solution designed especially for tough surveying conditions.

MAKE/MODEL NUMBER: Spectra Precision Epoch 10 w/ Recon 200 PN RECBB2APXEILN1

A. BASE EQUIPMENT	
OUTRIGHT PURCHASE PRICE =	<u>\$ 1871.25</u>
(ONE YEAR FULL SERVICE & PARTS WARRANTY – INCLUDED IN PRICE)	
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B. 1ST AND 2ND YEAR FULL SERVICE MAINTENANCE & PARTS	
PRICE PER YEAR	<u>\$664.95</u>
TOTAL BID PRICE – A + B	<u>\$2536.20</u>

ACCESSORIES INCLUDED IN BASE PRICE —

Epoch 10 Reciever	Interlock Software
Epoch L1 Antenna	1.2M Antenna Cable
Epoch 10 Kit Case	Serial Cable
HI Tape Measure	Quick Start Guide
Mid Range Cap	Interlock Manual
Spectra Recon 200 w/64MB	

OPTIONAL ACCESSORIES

<u>ACCESSORY ITEM</u>	<u>PURCHASE PRICE</u>
PN RECZ5009 Epoch10 Kit Case	\$41.25
PN SWRECBSO, Spectra Precision Survey Office SW	\$1421.25
PN RECZ5011, 1.2M Antenna Cable	\$52.50
PN RECZ5012, Initializer Bar	\$56.25
PN RECZ5013, Quick Disconnect Adapter	\$65.25



SURVEYING EQUIPMENT PRICE SCHEDULE

CATEGORY 4 – GPS & RTK SYSTEMS - GIS/GPS Mapping Grade System– OPTION 1

BIDDER/CONTRACTOR: Keystone Precision Instruments DATE: April 24, 2006

TYPE: GIS/GPS Mapping Grade DESCRIPTION: TDS SOLO GIS/GPS Field Collector

MAKE/MODEL NUMBER: TDS Ranger 300X w/ SOLO Field SW, PN ST1MY3CADBGS

A.	BASE EQUIPMENT	
	OUTRIGHT PURCHASE PRICE =	<u>\$ 2511.75</u>
	(ONE YEAR FULL SERVICE & PARTS WARRANTY – INCLUDED IN PRICE	

B.	1ST AND 2ND YEAR FULL SERVICE MAINTENANCE & PARTS	
	PRICE PER YEAR	<u>\$495.00</u>

TOTAL BID PRICE – A + B	<u>\$3006.75</u>
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ACCESSORIES INCLUDED IN BASE PRICE —

TDS SOLO Field SW	Ranger 300X w/ Bluetooth & Wireless 802.11b
AC Charger	Hand Strap
10 Screen Protectors	Stylus(2)
USB Interface Cable	Users Guide

OPTIONAL ACCESSORIES

<u>ACCESSORY ITEM</u>	<u>PURCHASE PRICE</u>
PN GISSOLOOFFICE, SOLO Office Software for Windows	\$375.00
PN GISSOLOFIELDCE, SOLO Field Software for Win CE	\$750.00
PN GISSOLOCSIBNDL, CSI DGPS MAX Receiver	\$3225.00
PN GISOMINISTAR, One Year Omnistar Subscription	\$800.00
PN GISSOLON17BNDL, Garmin N17 GPS WAAS Receiver	\$750.00
PN RECARTM8000D, Audiovox CF GPRS Card	\$225.00
PN GISCFGPSANT, Holux GM-720 CF GPS Card	\$149.25
PN ST1Z200701, Range Pole Bracket	\$116.25
PN ST1MY5GADBGS, Upgrade to Ranger 500X	\$262.50

Supplies PRICE LIST

BIDDER/CONTRACTOR: Keystone Precision Instruments DATE: April 24, 2006

LIST PRODUCTS

PRICES

PN 802692i, Schonstedt GA-92Xti Magnetic Locator	\$795.00
PN 80269d, Schonstedt GA-92XTd Magnetic Locator	\$805.00
PN 802680, Schonstedt GA-52Cx Magnetic Locator	\$360.00
PN 90340, Crain SVR Rod 25' 10ths	\$165.00
PN 90341, Crain SVR Rod 25' 8ths	\$165.00
PN 90343, Crain SVR Rod 16' 10ths	\$142.00
PN 90344, Crain SVR Rod 16' 8ths	\$165.00
PN 6154240, Nikon AC-2S 24x Auto Level	\$375.00
PN 6153120, Nikon AP-8 28x Auto Level	\$560.00
PN 6152111, Nikon AE-7C 30x Auto Level	\$1120.00
PN 6151111, Nikon AS-2C 34x Auto Level	\$1465.00
PN HRA73100, Nikon NE-101 7" Theodolite	\$2195.00
PN HRA74100, Nikon NE-100 10" Theodolite	\$1998.00
PN GT2000A, Dutch Hill Tripod	\$267.50
PN 90550, Crain TriMax Heavy Duty Tripod	\$292.50
PN 22217, Crain Wood/Fiberglass Tripod Quick Clamp	\$115.00
PN 22218, Crain Wood/Fiberglass Wing Nut Clamp	\$115.00
PN 22210, Crain Aluminum Heavy Duty Tripod Quick Clamp	\$79.00
PN 22225, Crain Aluminum Extra Heavy Duty Tripod Quick Clamp	\$95.00
PN 22227, Crain Aluminum Extra Heavy Duty Wing Nut Clamp	\$95.00
PN 632010M, CST Single Prism Plastic Target/Metal Yoke	\$130.00
PN 631010, CST Single Prism Metal Target/Metal Yoke	\$140.00
PN 631500M, CST Mini Prism All Metal	\$130.00
PN 85500120, Seco Heads Up Level	\$64.95
PN 85521704RED, Seco Thumb Release BiPod	\$135.00
PN 85550011, Seco 8.5' TwistLoc Prism Pole	\$121.50
PN 85550021, Seco 12' TwistLoc Prism Pole	\$149.95
PN 85550030, Seco 15.6' TwistLoc Prism Pole	\$179.50
PN 85580010, Seco 8.5' SurLoc Prism Pole	\$129.00
PN 85580020, Seco 12' SurLoc Prism Pole	\$154.95
PN 85580030, Seco 15.6' SurLoc Prism Pole	\$184.95
PN 644000, Seco Tilting Prism Assembly	\$147.50
PN 641600, Seco Strobe Prism Only	\$148.75
PN 45780, Lufkin Y1276D Yellow Steel 100' Tape 10ths	\$132.50
PN 45784, Lufkin Y1278D Yellow Steel 200' Tape 10ths	\$195.00
PN 45788, Lufkin Y1279D Yellow Steel 300' Tape 10ths	\$284.50
PN 45384, Lufkin C1276D Chrome Steel 100' Tape 10ths	\$185.00
PN 45388, Lufkin C1278D Chrome Steel 200' Tape 10ths	\$331.50
PN 45465, Lufkin 1706D Fiberglass 100' Tape 10ths	\$32.00
PN 46032, Lufkin 1708D Fiberglass 200' Tape 10ths	\$32.00
PN 45376, Lufkin 1066D Wood Rule 6' 10ths/8ths	\$13.95
PN 031619EG, Rhino Heavy Duty Fiberglass Rule 6' 10ths/8ths	\$15.95